

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 2004/000948

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A63B 21/00, A63B 22/00, A63B 23/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A63B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE, DK, FI, NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6406408 B1 (B. PRICE, II), 18 June 2002 (18.06.2002) --	1-20
A	DE 10053976 A1 (BRANDL-HESSE, B.), 2 May 2002 (02.05.2002) --	1-20
A	EP 0248249 A2 (ABRAHAM, G.), 9 December 1987 (09.12.1987) --	1-20
A	US 2003050154 A1 (P. O'DONNELL), 13 March 2003 (13.03.2003) -----	1-20

Further documents are listed in the continuation of Box C.

See patent family annex.

- * Special categories of cited documents
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "B" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed
- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search
14 Sept 2004

Date of mailing of the international search report
20 -09- 2004

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INTERNATIONAL SEARCH REPORT
Information on patent family members

31/07/2004

International application No.
PCT/SE 2004/000948

US	6406408	B1	18/06/2002	US	6090019	A	18/07/2000
				US	5637061	A	10/06/1997
				US	5366427	A	22/11/1994
DE	10053976	A1	02/05/2002	NONE			
EP	0248249	A2	09/12/1987	AT	58481	T	15/12/1990
				DE	3618954	C	17/09/1987
				DE	3766292	D	00/00/0000
				YU	102787	A	28/02/1989
US	2003050154	A1	13/03/2003	NONE			